

U.S. Patent Application Serial No. **10/531,952**  
Amendment filed June 4, 2010  
Reply to OA dated February 5, 2010

**AMENDMENTS TO THE CLAIMS:**

Please add new claim 15, as follows. This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (Withdrawn): A resin composition comprising:

(A) a lactic acid based resin; and  
(B) an aromatic aliphatic polyester having a glass transition temperature (Tg) of 0°C or less and a heat of crystal melting ( $\Delta H_m$ ) of 5 J/g to 30 J/g, and an aliphatic polyester other than the lactic acid based resin, having a glass transition temperature (Tg) of 0°C or less and a heat of crystal melting ( $\Delta H_m$ ) of 5 J/g to 30 J/g, and  
(B) the aromatic aliphatic polyester having a glass transition temperature (Tg) of 0°C or less and a heat of crystal melting ( $\Delta H_m$ ) of 5 J/g to 30 J/g, and the aliphatic polyester other than the lactic acid based resin, having a glass transition temperature (Tg) of 0°C or less and a heat of crystal melting ( $\Delta H_m$ ) of 5 J/g to 30 J/g, has a content of 5 mass% to 25 mass%.

Claim 2 (Previously presented): A resin composition comprising:

(A) a lactic acid based resin;  
(B) an aromatic aliphatic polyester having a glass transition temperature (Tg) of 0°C or less and a heat of crystal melting ( $\Delta H_m$ ) of 5 J/g to 30 J/g, and/or an aliphatic polyester other than the

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lactic acid based resin, having a glass transition temperature (Tg) of 0°C or less and a heat of crystal melting ( $\Delta H_m$ ) of 5 J/g to 30 J/g; and

(C) an aliphatic polyester other than the lactic acid based resin, having a glass transition temperature (Tg) of 0°C or less and a heat of crystal melting ( $\Delta H_m$ ) of 50 J/g to 70 J/g;

wherein components (A) and (B) are contained in the resin composition in an amount of 90 mass% to 70 mass%;

wherein component (B) is contained in the resin composition in an amount of 5 mass% to 25 mass%; and

wherein component (C) has a content of 10 mass% to 30 mass% in the resin composition.

Claim 3 (Previously presented): The resin composition according to claim 1 or 2, further comprising (D) an inorganic filler having a mean particle size of 1  $\mu\text{m}$  to 5  $\mu\text{m}$ ,

wherein component (D) is within a range of 5 mass% to 20 mass% of the resin composition.

Claim 4 (Previously presented): The resin composition according to any one of claims 1 and 2, further comprising 0.5 mass part to 10 mass parts of a carbodiimide compound based on a total of 100 mass parts of components (A), (B), and (C).

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**Claim 5 (Previously presented):** The resin composition according to any one of claims 1 and 2, further comprising 0.5 mass part to 5 mass parts of an ester compound having a molecular weight of 200 to 2,000 based on a total of 100 mass parts of components (A), (B), and (C).

**Claim 6 (Previously presented):** The resin composition according to any one of claims 1 and 2, further comprising 0.1 mass part to 5 mass parts of a hiding agent having a refractive index of 2.0 or more based on a total of 100 mass parts of components (A), (B), and (C).

**Claim 7 (Previously presented):** A molded article formed by injection molding the resin composition according to any one of claims 1 and 2.

**Claim 8 (Original):** The injection molded article according to claim 7, wherein the molded article formed by the injection molding is further crystallized at a temperature within a range of 60°C to 130°C.

**Claim 9 (Withdrawn):** A resin composition comprising:  
(A) a lactic acid based resin;  
(B) an aromatic aliphatic polyester having a glass transition temperature (Tg) of 0°C or less and a heat of crystal melting ( $\Delta H_m$ ) of 5 J/g to 30 J/g, or an aliphatic polyester other than the lactic

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acid based resin, having a glass transition temperature (Tg) of 0°C or less and a heat of crystal melting ( $\Delta H_m$ ) of 5 J/g to 30 J/g, and

(B) the aromatic aliphatic polyester having a glass transition temperature (Tg) of 0°C or less and a heat of crystal melting ( $\Delta H_m$ ) of 5 J/g to 30 J/g, or the aliphatic polyester other than the lactic acid based resin, having a glass transition temperature (Tg) of 0°C or less and a heat of crystal melting ( $\Delta H_m$ ) of 5 J/g to 30 J/g, has a content of 5 mass% to 25 mass%; and

(D) an inorganic filler having a mean particle size of 1  $\mu\text{m}$  to 5  $\mu\text{m}$ , has a content of 5 mass% to 20 mass% of the resin composition.

Claim 10 (Withdrawn): A resin composition comprising:

(A) a lactic acid based resin;

(B) an aromatic aliphatic polyester having a glass transition temperature (Tg) of 0°C or less and a heat of crystal melting ( $\Delta H_m$ ) of 5 J/g to 30 J/g, or an aliphatic polyester other than the lactic acid based resin, having a glass transition temperature (Tg) of 0°C or less and a heat of crystal melting ( $\Delta H_m$ ) of 5 J/g to 30 J/g, and

the above component (B) has a content of 5 mass% to 25 mass%; and

0.5 mass part to 10 mass parts of a carbodiimide compound based on a total of 100 mass parts of the above component (A) and the above component (B).

Claim 11 (Withdrawn): A resin composition comprising:

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(A) a lactic acid based resin;

(B) an aromatic aliphatic polyester having a glass transition temperature (Tg) of 0°C or less and a heat of crystal melting ( $\Delta H_m$ ) of 5 J/g to 30 J/g, or an aliphatic polyester other than the lactic acid based resin, having a glass transition temperature (Tg) of 0°C or less and a heat of crystal melting ( $\Delta H_m$ ) of 5 J/g to 30 J/g, and

the above component (B) has a content of 5 mass% to 25 mass%; and

0.5 mass part to 5 mass parts of an ester compound having a molecular weight of 200 to 2,000 based on a total of 100 mass parts of the above component (A) and the above component (B).

Claim 12 (Withdrawn): A resin composition comprising:

(A) a lactic acid based resin;

(B) an aromatic aliphatic polyester having a glass transition temperature (Tg) of 0°C or less and a heat of crystal melting ( $\Delta H_m$ ) of 5 J/g to 30 J/g, or an aliphatic polyester other than the lactic acid based resin, having a glass transition temperature (Tg) of 0°C or less and a heat of crystal melting ( $\Delta H_m$ ) of 5 J/g to 30 J/g, and

the above component (B) has a content of 5 mass% to 25 mass%; and

0.1 mass part to 5 mass parts of a hiding agent having a refractive index of 2.0 or more based on a total of 100 mass parts of the above component (A) and the above component (B).

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Claim 13 (Withdrawn): An injection molded article formed by injection molding the resin composition according to any one of claims 9 to 12.

Claim 14 (Withdrawn): The injection molded article according to claim 13, wherein the molded article formed by the injection molding is further crystallized at a temperature within a range of 60°C to 130°C.

Claim 15 (New): The resin composition according to claim 2, wherein component (C) has a content of 20 mass% to 30 mass% in the resin composition.